**Project Overview**

* **Name:** react-todo-app
* **Type:** ES module ("type": "module")
* **Private:** true
* **Version:** 0.0.0
* **Main Entry (Electron):** electron/main.js
* **Purpose:** A React-based Todo app bundled with Electron for desktop deployment.

**Scripts**

| **Script** | **Command** | **Purpose** |
| --- | --- | --- |
| start | vite | Runs the development server using Vite. |
| dev | vite | Alias for start. |
| electron:dev | concurrently "npm run dev" "wait-on http://localhost:5173 && electron electron/main.js" | Runs Vite dev server and launches Electron simultaneously. |
| electron:build | npm run build && electron-builder | Builds the React app and packages it as a desktop app. |
| build | vite build | Builds the React app for production. |
| preview | vite preview | Previews the production build locally. |
| lint | eslint . | Runs ESLint on the project. |

**Dependencies**

* **React:** react and react-dom (^19.1.1)
* **Calendar Component:** react-calendar (^6.0.0)

**Dev Dependencies**

* **Vite & React Plugin:** vite and @vitejs/plugin-react
* **Electron & Packaging:** electron, electron-builder
* **Concurrent Processes & Wait:** concurrently, wait-on
* **ESLint & Plugins:** eslint, @eslint/js, eslint-plugin-react-hooks, eslint-plugin-react-refresh
* **TypeScript Types:** @types/react, @types/react-dom
* **Globals Package:** globals

**Electron Build Configuration**

* **App ID:** com.iamran800.myapp
* **Mac Targets:** dmg and zip
* **Icon:** assets/icon.icns
* **Build Resources Directory:** assets

**Summary**

This setup allows you to:

1. Develop a React app with Vite.
2. Run it inside Electron for desktop.
3. Lint your code automatically.
4. Build and package the app for macOS with a custom icon.